



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<b>(21) International Application Number:</b> PCT/GB99/01550 <b>(22) International Filing Date:</b> 14 May 1999 (14.05.99)  <b>(30) Priority Data:</b> 98303872.0      15 May 1998 (15.05.98)      EP  <b>(71) Applicant (for all designated States except US):</b> NYCOMED AMERSHAM PLC [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> STOREY, Anthony, Eamon [GB/GB]; Lynwood, The Common, Winchmore Hill, Amersham, Buckinghamshire HP7 0PN (GB). MENDIZ-ABAL, Marivi [ES/GB]; 56 Springfield Avenue, Merton Park, London, Greater London SW20 9JX (GB). CHAMPION, Susan [GB/GB]; 20 Lindo Close, Chesham, Buckinghamshire HP5 2JP (GB). GIBSON, Alex [GB/GB]; 24 Farm Close, Little Chalfont, Buckinghamshire HP6 6RH (GB). GUILBERT, Benedicte [FR/GB]; 14 Chesswood Court, Bury Lane, Rickmansworth, Hertfordshire WD3 1DF (GB). WILSON, Ian, Andrew [GB/GB]; 18 Sturrock Way, Hitchin, Hertfordshire SG4 0EP (GB). KNOX, Peter [GB/GB]; "Choppings", 34 Kings Road, Chalfont St Giles, Buckinghamshire HP8 4HS (GB).		<b>(74) Agents:</b> PENNANT, Pyers et al.; Stevens Hewlett & Perkins, 1 Serjeants' Inn, Fleet Street, London, Greater London EC4Y 1NT (GB).  <b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> LABELLED GLUTAMINE AND LYSINE ANALOGUES  <b>(57) Abstract</b> <p>Synthetic analogues of lysine and glutamine are provided which function as substrates for the fibrin-stabilising enzyme Factor XIIIa even when labelled with a detectable moiety. The use of suitable protecting groups provides compounds which possess reduced susceptibility to <i>in vivo</i> metabolism especially by peptidases, and are hence useful agents for the diagnosis of thrombosis, embolism, atherosclerosis, inflammation or cancer.</p>		

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